



Pine Bluff Arsenal Capabilities Overview



COL Chadwick T. Bauld
Commander
Pine Bluff Arsenal



Manufacturing – A Joint Service Portfolio



- Existing Capability for 135 Commodities
 - 76 Ammunition
 - 59 CB Defense
- 87 Items Manufactured at PBA Not Currently Available From Private Sector*
- 41 PBA Items Considered Critical in Defense Planning Guidance* (DPG)
- All Commodities Tied Directly to Existing RCRA & Air Permits
- Pyrotechnic & Smoke Items Utilize Blending & Mixing Technologies Developed at PBA

*Sources include *Army Transformation Industrial Base Study*, *Capabilities Based Munitions Requirements (CBMR)* and *Air Force, Navy, Marines, and Army Planning Documents*

Ammunition

- White Phosphorus
- Red Phosphorus
- Incendiary
- Riot Control
- Illumination & IR
- Colored Smokes



Providing Industrial Base Capability for Commodities that are Unavailable in Private Sector (Source: Army Transformation Industrial Base Study)

CB Defense

- Filtration
- Protective Equipment
- Test Apparatus
- Operator & Maintenance Training
- Decontamination



Full Spectrum Capability



Sole Producer M295

Engineering & Development

- Rapid Prototyping
- Producibility
- Concurrent Engineering

P
E
L
Production
Engineering
Laboratory



America's Arsenal



Logistics – Unique & Responsive



Maintenance

- Only Arsenal with Major Storage & Maintenance Functions
- Multi-Commodity Maintenance Capability
 - Ammo Rework & Download
 - CB Defense Storage & Maintenance
 - Soldier Systems Storage & Maintenance
- Fully Equipped Machine Shop
- Unmatched Environment Capacity
 - RCRA Permitted Activities
 - Liquid Waste Storage Capacity
 - 85+ Air Permitted Sources

Surveillance

- Quality assurance surveillance & shelf life testing of Chemical Defense Equipment

- New State-of-Art Facility
- Surety Certified
- Security w/IDS
- Filter, decon & suit testing



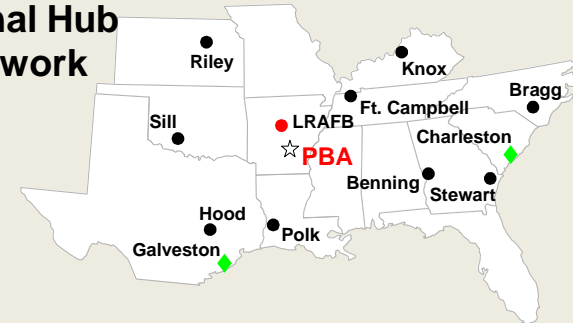
Storage

- 259 Conventional Storage Igloos
- 132 Warehouses
- 6 Refrigerated Coolers
5920 Sq. Ft.
- 1.1M Sq. Ft. Conventional Capacity



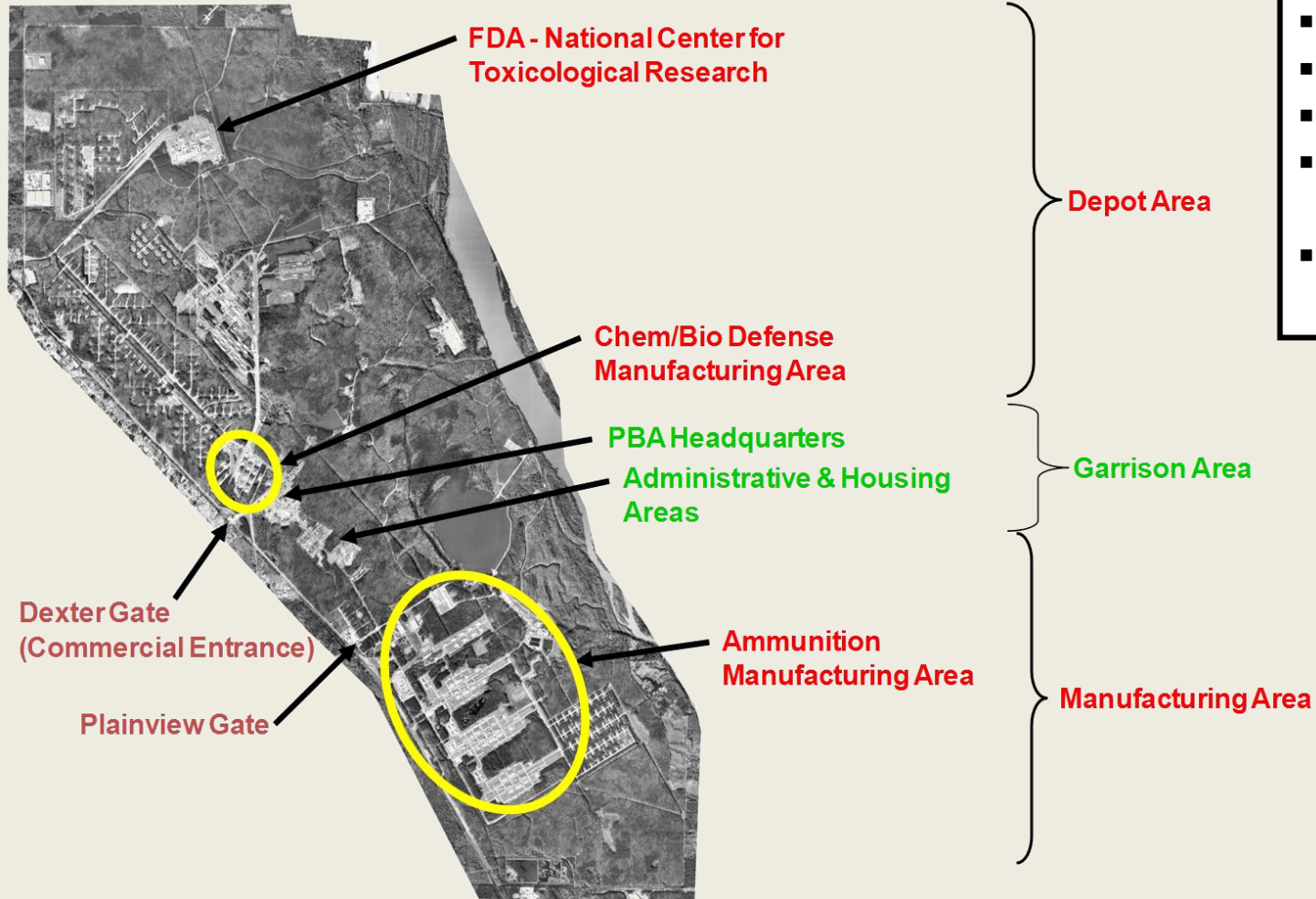
Strategic Location

- Adjacent Navigable Waterway, Rail & Interstate
- 42 Mi to National Airport (Little Rock)
- Close Proximity to LRAFB
(Largest C-130 Fleet)
- 3 Hrs to FedEx International Hub
- Excellent Deployment Network





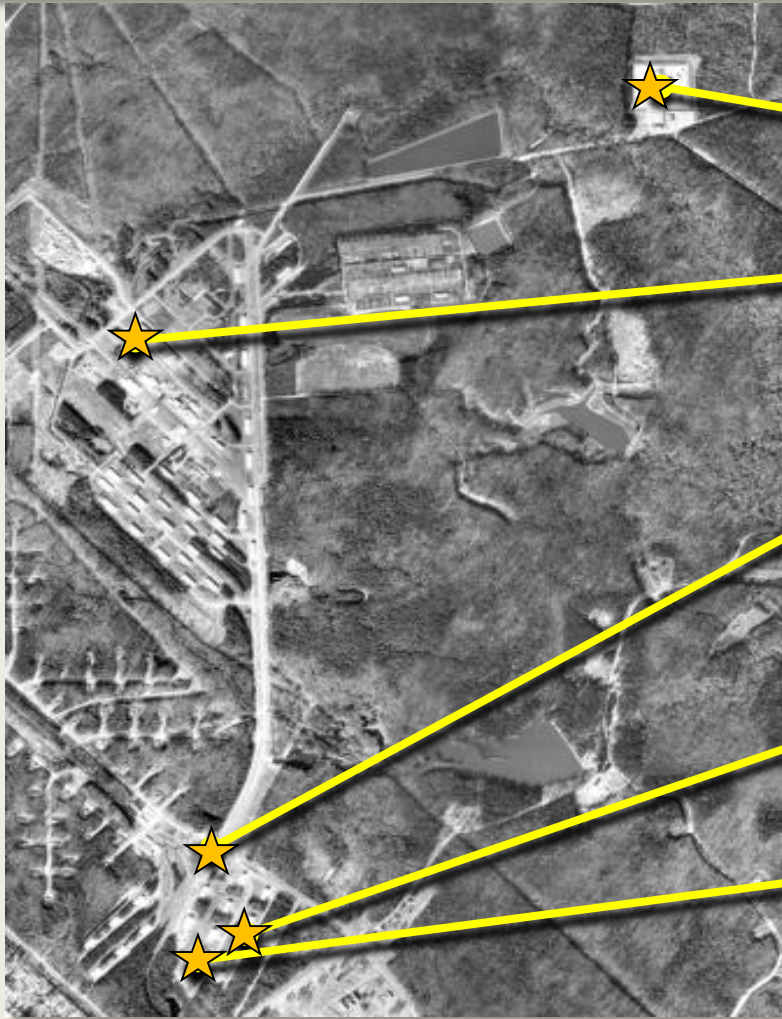
Pine Bluff Arsenal



- 13,500 Acre Installation
- Exclusive Jurisdiction
- Restricted Access
- Pine Bluff Arsenal Population – 724
- Only Active Army Base in Arkansas



PBA Critical Capabilities – C/B Defense



Chemical Biological Protective Shelter **(CITE)**

Production and Storage Of Bio-Consumables **(CRITICAL)**

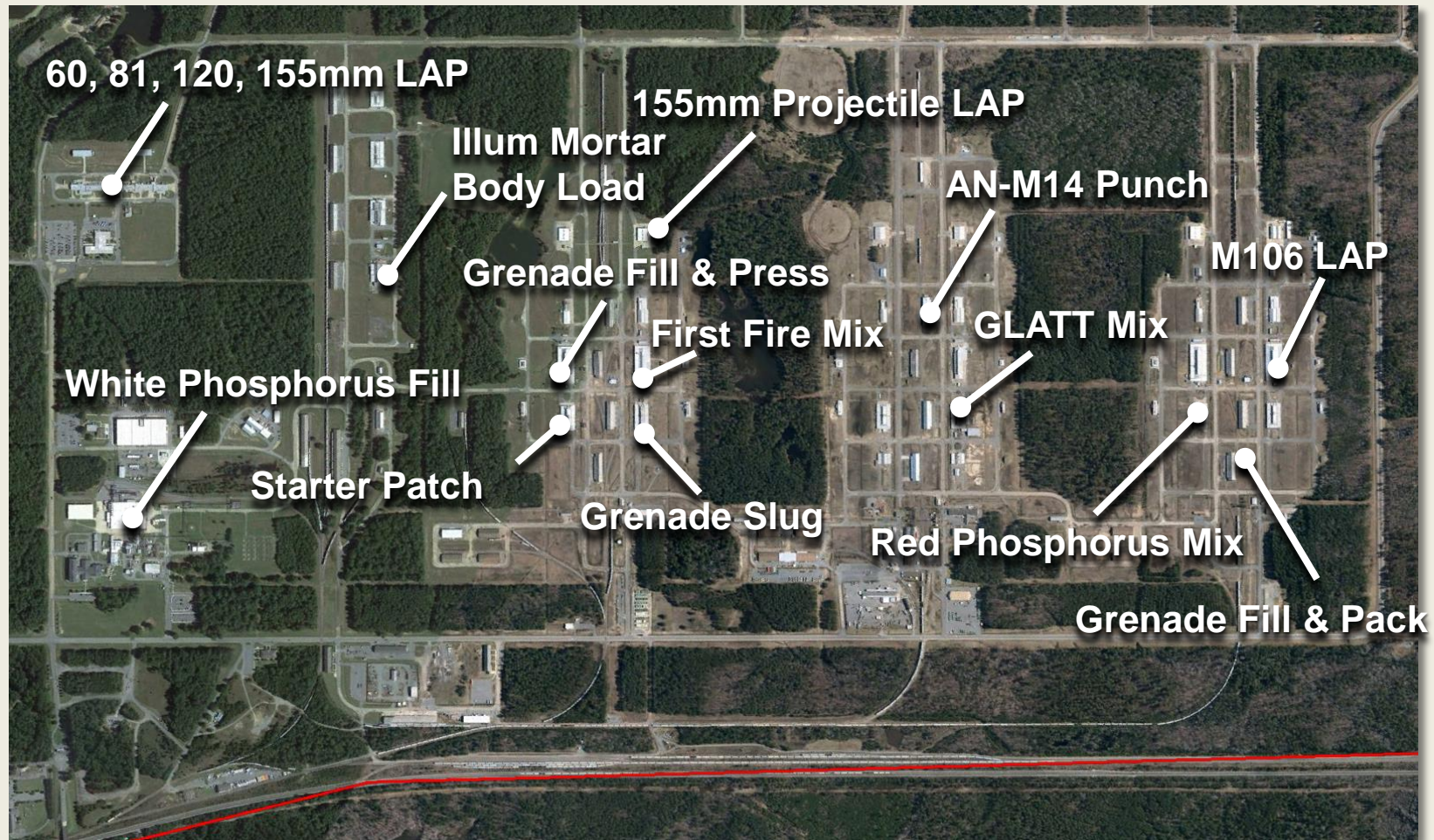
Protective Mask Production And Rebuild **(CRITICAL & CITE)**

Large Filter Fabrication **(CRITICAL)**

Decontamination Kit Production **(CRITICAL)**



PBA Critical Capabilities - Ammunition






Arsenal Workload Initiative



Assistant Secretary of the Army (ALT) signs Arsenal Workload Initiative policy memo 3 OCT 2014

Why it is Important...

- Recognizes the critical manufacturing capability of Army Arsenals and the impacts of declining requirements.
- Identified work to be directed to Arsenals in FY15-16.
- Directed the PEOs to work with the Arsenals to qualify as second source.



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SAAL-ZA OCT 3 2014

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Arsenal Workload Initiative

1. Declining Arsenal requirements and excess capacity are driving higher operating rates at U.S. Army Arsenals. As a result, Arsenals are actively seeking additional workload to decrease operating rates, increase working labor hours, and maintain critical manufacturing skills to sustain the organic industrial base.
2. In the Fiscal Year 2014 (FY14) Consolidated Appropriations Act, Section 8141, Congress directed the Secretary of the Army to assign Arsenals sufficient workload to maintain critical capabilities.
3. In order to maintain the critical capabilities at all three Arsenals and reduce the likelihood of a rate increase in FY16, I directed a comprehensive review of Program Executive Office (PEO) portfolios for potential workload to direct to each Arsenal. Over the past six months, potential work was identified and evaluated based on its alignment with each Arsenal's critical manufacturing capabilities as well as the production cost of this work at the arsenal. This assessment also identified risks associated with the direction of each source of production and potential mitigation strategies.
4. As a result of this effort, my office identified work to be directed to Rock Island Arsenal (RIA), Watervliet Arsenal (WVA), and Pine Bluff Arsenal (PBA) over FY15-16. Additionally, the PEOs will work with the Arsenals to qualify them as a second source of production on multiple programs. This strategy will provide the Arsenals an opportunity to develop and demonstrate their abilities on a wider range of Army systems in an effort to further utilize and maintain their manufacturing capabilities. I have reviewed the potential workload candidates for RIA, PBA, and WVA and approve the workload identified in Enclosure 1.
5. In order to ensure greater visibility and oversight of the Section 8141 implementation, the PEOs listed in the enclosure will perform the following:
 - a. Conduct a Program Management Review every six months on the status of the enclosed workload. The review will include an updated comparison of production costs at the Arsenals versus commercial vendors and a risk mitigation strategy developed in association with the Arsenal, addressing cost, performance, and schedule for the project.

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PBA Strategic Imperatives



Actions Taken:

- Engage Customers – Build Relationships
- Communicate Unique Capabilities
- Enhance Mission Performance Through Diversification and Partnering



Flagship Installation



Joint Force Provider

Pine Bluff Arsenal

Bridge to the Future Force



Stable & Predictable



Trained & Equipped



Relevant & Ready